



UNITED STATES PATENT AND TRADEMARK OFFICE

AUG 3 4 2004

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/666,557	09/22/2003	John H. Sohl III	36507-193187

26694
 VENABLE, BAETJER, HOWARD AND CIVILETTI, LLP
 P.O. BOX 34385
 WASHINGTON, DC 20043-9998

CONFIRMATION NO. 5540

FORMALITIES LETTER



OC000000012872315

Date Mailed: 06/04/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/05/2004 SHINASS1 00000090 10666557

FILED UNDER 37 CFR 1.53(b)

01 FC:2001	385.00 OP
02 FC:2202	54.00 OP
03 FC:2051	65.00 OP

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 4b, 6.
 - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) 4B-4C.
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 3.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$54** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

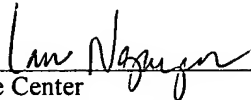
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$504** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$54**
 - **\$54** for **6** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re patent application of
John H. SOHL, III et al.

Serial No.: 10/666,557

Group Art Unit:

Filed: September 22, 2003

Examiner:

For: SMART DATA SUBSURFACE DATA
REPOSITORY SYSTEM, METHOD AND
COMPUTER PROGRAM PRODUCT

26694

PATENT TRADEMARK OFFICE

RESPONSE TO NOTICE TO FILE MISSING PARTS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts dated June 4, 2004, submitted herewith are the following:

- Declaration for United States Patent Application, Power of Attorney,
Designation of Correspondence Address (executed, 2 pages)
- Return Copy of Notice to File Missing Parts dated June 4, 2004
- Worldwide Assignment (executed, 2 pages)
- Form PTO 1595
- Submission of Formal Drawings
- Figures 3,4B, 4C, 4D, and 6.

Official fees:

Official Filing Fee (small entity)	\$385.00
Surcharge for late submission of declaration	\$ 65.00
Total claims over 20 (6)	\$ 54.00
Assignment Recordation fee	\$ 40.00

Total fees enclosed: \$ 544.00

A check in the amount of \$544.00 is attached. Should additional fees be required, or lesser fees be required, before the charge or credit to our Account No. 22-0261, please advise the undersigned accordingly.

Respectfully submitted,

Date: August 4, 2004



Ralph P. Albrecht

Registration No. 43,466

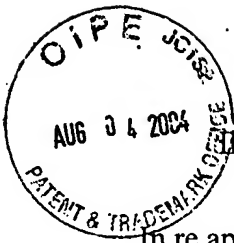
VENABLE, LLP

P.O. Box 34385

Washington, D.C. 20043-9998

Telephone: (202) 344-8166

Telefax: (202) 344-8300



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John H. SOHL, III et al.

Appl. No: 10/666,557

Confirmation No: unassigned

Filed: September 22, 2003

For: SMART DATA SUBSURFACE DATA
REPOSITORY SYSTEM, METHOD
AND COMPUTER PROGRAM
PRODUCT

Art Unit: unassigned

Examiner: unassigned

Atty. Docket No: 36507-193187

Customer No:

26694

PATENT TRADEMARK OFFICE

SUBMISSION OF FORMAL DRAWINGS

Commission for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Submitted herewith are five (5) sheets of Formal Drawings containing Figures 3, 4B, 4C, 4D, and 6. Should further corrections to the drawings be required, please so notify the undersigned.

Respectfully submitted,

8/4/04

Ralph P. Albrecht
Registration No. 43,466
VENABLE LLP
P.O. Box 34385
Washington, D.C. 20043-9998
Telephone: (202) 344-4000
Facsimile (202) 344-8300

#569633